Quality Control

95539

January-11-13	8:36:30 AM	1		90:	1.59						rage i
Item ID: Revision ID:	D3891-4	•		Accept	*N900	040	100)* s	etup Star	· *N	S1*
Item Name:	Gasket								Stop	• *N	S2*
Start Date:	1/11/13	Start Qty: 4.00	*4*		Cust Item I	D:					
Required Date	: 1/25/13	Req'd Qty: 4.00	*4*		Customer:						
Reference:											
Approvals:	Process P	lan: MLゴ	Date: 13-01-11	Tooling:	Da	te:		R	Run Star	1/1	R1*
	QC:			SPC (Y/N):		ite:			Sto	*N	R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	evision Nbr									
D3891	A										
100				0.00				\sim			
100 Waterjet		Memo		0.00				(5)_		3(3-1-)	7
FLOW CNC Water	jet	1-Cut as pe Dwg Rev:_ Prog Rev:_									
		2-Deburr if	necessary								
110		QC2- Inspect parts off n	nachine FAI/FAIB	0.00				<i>(</i> 2)			
110 QC		Memo		°0.00				0		<u> </u>	313-1-27

										DQA:	Date:	
NCR:	res / No)			WORK ORDER NON-O	CON	NFORN	MANCE / UPI	DATE		_	
										QA Closed:	Date:	
Work Orde	or.				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
WOIR Orac					Rework	1		Skid-tube	Crosstube	1	Water Jet	Engineering
Part N	No.				Scrap	1	i e	Nachining	Small Fab	Pro	d. Eng. Coor.	Quality
		· .			Use-as-is	1 1	Therm	oforming	Finishing	Rec/Sto	e/Packaging	Other
NCR I	No				Work Order Update			Large Fab	Composite]	Supplier	
Root				Descri	ption of work order update		nitial	Act	tion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling				<u>-</u>								
Operator												
Material												
Setup			1		•							
Other												
Process												
Supplier			1				İ					
Training	Ш		1							1		
Unapproved			<u> </u>									
					F.	AUL	T CATE	GORY				
Landi	ng Gear			_	General		•			-		7
	Bendir	g			Bend		Grain			Ovalized		Pressure/Forced
		Not Conce	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	<u> </u>	Temperature/Cure
	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	· · ·	Weld
		d/Crimped	l <u>.</u>		Burrs	<u>_</u>	-{	ions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled
1	Cuffs				Contamination		Mainte	nance		Part Moved		
	Heat T	reat			Countersink		Mislabe	led		Positioned \	Wrong	-
	Inspec	tion Strip ir	1 Tube	<u>L</u>	Cut Too Short		Misread			Power Loss/	'Surge	Other
	Ripple	s in Bend			Drill Holes		Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

January-11-13 8:36:30 AM Item ID: D3891-4 Accept *N900040100* Setup Start **Revision ID:** Item Name: Gasket **Start Date:** Start Qty: 4.00 1/11/13 **Cust Item ID:** Required Date: 1/25/13 Req'd Qty: 4.00 **Customer:** Reference: Run Process Plan: ____ Date: ____ **Approvals:** Tooling: Date: Stop **SPC (Y/N):** _____ Date: Date: Sequence ID/ Operation Set Up/ Tool ID Reject Tool # Plan Accept Reject Insp. Work Center ID Description Run Hours AS Code Qty Qty Number Stamp 120 QC8- Inspect parts - second check 0.00 *120* QC 0.00 Memo Quality Control Identify as per dwg & Stock Location: 130 0.00 *130* Packaging 0.00 Memo Packaging 140 QC21- Final Inspection - Work Order Release 0.00 *140* OC 0.00 Memo Quality Control

Q (3-0(-)9)

										DQA:	Date	
NCR:	Yes / N	o			WORK ORDER NON-C	CON	NFORM	//ANCE / UP	DATE	·	 	
					,					QA Closed:	Date	
Work Orde	er.				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part I	Part No. NCR No.				Rework Scrap Use-as-is	Machining Small Fab Thermoforming Finishing		Small Fab Finishing	Water Jet Prod. Eng. Coor. Rec/Store/Packaging		Engineering Quality Other	
NCR I	NO				Work Order Update	J		Large Fab	Composite		Supplier	ا ا
Root				Descri	ption of work order update		nitial	Ac	tion	Sign &		
Cause	Date	e Step	Qty	,	or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data											·	
Equip/Tooling												
Operator												
Material	Ш											
Setup	Ш									1		
Other	Ш	Ì										
Process												
Supplier												
Training												
Unapproved						<u> </u>						
					······································	AUL	T CATE	GORY				
Landi	ng Gear				General		1		_	1	_	- 1
	Bendir	•			Bend	\vdash	Grain			Ovalized	<u> </u>	Pressure/Forced
		Not Conce	entric to	o/s	BOM/Route	\vdash	Hardwa			Over/Under	 	Temperature/Cure
•	Cracks			<u> </u>	Broken/Damaged	-	1	on Incomplete	<u> </u>	Part Incorre	<u> </u>	Weld
	—	d/Crimped	l <u>.</u>	_	Burrs		i	ioris Incomplete/	'Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination	-	Mainte			Part Moved		
	Heat 1			<u> </u>	Countersink	\vdash	Mislabe			Positioned V	_	_
	—	tion Strip ir	n Tube	<u> </u>	Cut Too Short	-	Misread	l		Power Loss/	'Surge	Other
		s in Bend		<u> </u>	Drill Holes	_	Offset					
Torque Waves in Extrusion				n	Drawing	Out of Calibration						

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

January-11-13 8:36:34 AM

Work Order ID: 95539

D3891-4

Parent Item Name: Gasket

95539

D3891-4

Start Date: 1/11/13

Required Date: 1/25/13

Page 1

Start Qty: 4.00

Required Qty: 4.00

Comments:

Parent Item:

IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on	Qty per Kit	Total Qty	Qty Issued	Date S Issued	status
M4111NS.125		Purchased	No			100	sf	290.1800	2.963	12.47579	ا ما	·	
*\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\).125"							**	<u>(S) —</u>	1813	<u> </u>	
				Location		Loc (<u>Qty</u>	Loc Code					
				MAT052		29	0.18						
					114937	29	0.18			1(4937			

114937

												DQA:	Dat	æ:	
NCR:	Yes	/ No				WORK ORDER NON-C	100	NFORM	MANCE / UF	PDATE		•			
												QA Closed:	Dat	te:	
Work Ord	05:					DISPOSITION				AGAINST D	EF	PARTMENT	PROCESS		
Part						Rework Scrap			Skid-tube Machining	Crosstube Small Fab	}	Prod	Water Jet d. Eng. Coor.		Engineering Quality
NCR	No.					Use-as-is Work Order Update		B .	noforming Large Fab	Finishing Composite		Rec/Stor	e/Packaging Supplier		Other
Root					Descri	ption of work order update		Initial	Ad	ction	Т	Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Cr	nief Eng	Desc	cription	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	Date	Verification	1	QC Inspector
Doc/Data									,						
Equip/Tooling															
Operator											İ				
Material														1	
Setup]					1		:						
Other]													
Process															
Supplier			1								1				
Training															
Unapproved								-							
						F	AUI	T CATE	GORY						
Land	ing (Gear				General		_							
		Bending				Bend		Grain				Ovalized			Pressure/Forced
		Centre No	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re		\Box	Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	or: Incomplete		\Box	Part Incorred	ct		Weld
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete	/Unclear	\exists	Part Lost/Mi	ssing		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance	•	٦	Part Moved	•		•
		Heat Trea	at			Countersink	Г	Mislabe	led		٦	Positioned V	Vrong		
ĺ				Cut Too Short		Misread	i			Power Loss/	-		Other		

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DART AEROSPACE LTD	Work Order:	955391
Description: Gasket	Part Number:	D3891-4
Inspection Dwg: D3891 Rev: A	·	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Х	First Article	F	Prototype
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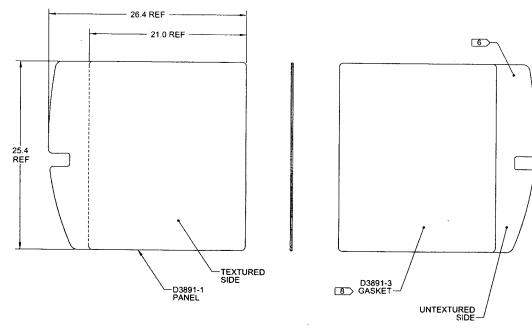
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Com	ments
16.8	+/-0.100	16.8	8		7 B31		
25.4	+/-0.100	25.4	η		7		
0.125	+/-0.010	.132	1		VRZ		
•							
					·		
						, dec	
						·	
						,	
			- A				
Measured by: 戊		Audited by:	/5 /89/)	Prototype App	roval:	N/A
Data: (7			13-1-7d			Doto:	NI/A

Measured by: 13	Audited by:	/5 /89	Proto	type Approval:	N/A
Date: (3-1-77	Date:	13-1 Jd		Date:	N/A

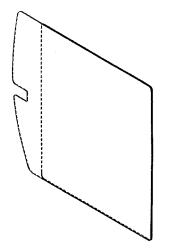
Rev	Date	Change	Revis	se _i	ήру	Approved
Α	09.07.29	New Issue	KJ	94		W
				7	/	100

PARTS LIST

ITEM	-041	P/N	DESCRIPTION
1	X	D3891-041	PANEL, FWD LH
2	1	D3891-1	PANEL
3	1	D3891-3	GASKET
4	A/R	3M 1300	ADHESIVE



SHOP KIL Post of FNG . UNCONTRACTOR SUBTREAD AND A $b_{\rm const}$ NI 95539 MLJ 13-01-11



D3891-041 PANEL, FWD LH

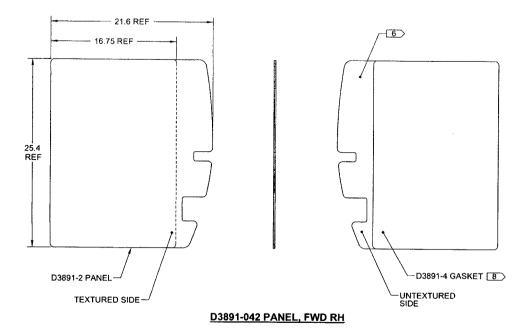
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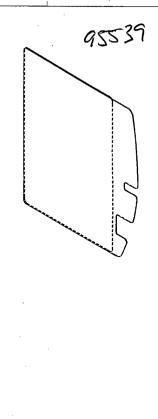
NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: NONE
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3891-041" AND B/N USING FINE POINT PERMANENT INK MARKER ON SMOOTH/UNTEXTURED SIDE OF PART

ON SMOOTH/UNTEXTURED SIDE OF PART USING 3M 1300 ADHESIVE. TRIM GASKET TO EDGES 7) WEIGHT: 3.67 Ibs
8) BOND GASKET TO SMOOTH/UNTEXTURED SIDE OF PART USING 3M 1300 ADHESIVE. TRIM GASKET TO EDGES OF PANEL, IF REQUIRED.

Α	NEW IS	SUE		CP	09.05.01				
REV.			DESCRIPTION	BY DATE					
DESIG	1	a	DART AEROSPACE LTD						
DRAW	1	9	HAWKESBURY, ONTARIO, CANADA						
CHECKED #			DRAWING NO. RE						
MFG. A	PPR.	Just	D3891		SHEET 1 OF 6				
APPRO	VED	M	TITLE		SCALE				
DE APPR.			PANEL, FWD N						
DATE	09.0	05.01	COPYRIGHT © 2009 BY D. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS IN NOT TO BE USED FOR ANY PURPOSE OR COPIED OR CO	SUPPLIED ON THE EXPRESS	CONDITION THAT IT IS				

PARTS LIST ITEM QTY DESCRIPTION -042 D3891-042 PANEL, FWD RH D3891-2 PANEL D3891-4 GASKET A/R 3M 1300 ADHESIVE





D

D

С

В

NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: NONE
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3891-042" AND B/N USING FINE POINT PERMANENT INK MARKER
ON SMOOTH/UNTEXTURED SIDE OF PART

ON SMOOTH/UNTEXTURED SIDE OF PART USING 3M 1300 ADHESIVE. TRIM GASKET TO EDGES

7) WEIGHT: 2.93 lbs
8) BOND GASKET TO SMOOTH/UNTEXTURED SIDE OF PART USING 3M 1300 ADHESIVE. TRIM GASKET TO EDGES OF PANEL, IF REQUIRED.

DESIGN (7)		DART AEROSPACE LTD	
DRAWN	n	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PH /	DRAWING NO.	REV. A
MFG. APPR.	J.H	D3891	SHEET 2 OF 6
APPROVED	100	TITLE .	SCALE
DE APPR.	14-	PANEL, FWD	NTS
DATE 09.05.01		COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND COMPRENTIAL AND IS SUPPLED DIN THE EXPRESS CONDITION THAT IT IS	

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